

Economic and social aspects of wind integration - Intro to the sub-programme

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Economic and social aspects of wind integration

Klaus Skytte, DTU Management Engineering

Introduction to the subprogram

EERA JP Wind, 25 September 2017

www.eera-set.eu



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the EU SET-Plan.

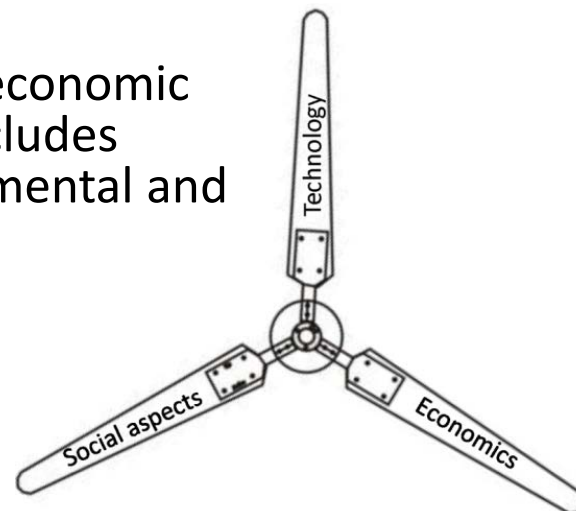
<http://setis.ec.europa.eu/>

Objectives

Explore **major economic and social challenges for wind** energy and investigate how they can be addressed and mitigated

Align research activities in the area of economic and social aspects of wind integration to lay a scientific foundation for the long term cost-effective development of wind energy and its successful deployment in energy systems.

1. Supports other sub-programmes by adding an economic and social perspective into the analysis. This includes aspects relating to society, technology, environmental and economic challenges of wind integration.
2. Independent research activities.



Core Research Themes (RT)

RT1: Component and system costs of wind energy

RT2: Economic incentives and support mechanisms for wind energy

RT3: Adapting power markets for wind energy

RT4: Economic integration of wind into energy systems

RT5: Externalities and environmental issues of wind energy including Life Cycle Assessment (LCA)

RT6: Public engagement strategies for wind energy

Kick-off November 2014



22 participants from
14 different EERA Wind
member institutions



Kick-Off meeting of
RT1, June 2015



Kick-Off meeting of
RT6, March 2015

ETIP Wind

European Technology and Innovation Platforms on Wind

- Steering Committee
- **3. Industrialisation**
- 3.2. Regulatory market requirements and harmonisation
- **6. Deployment of wind energy**
- 6.1. Adapting markets and policies
- 6.3. Ensuring public engagement and acceptance

Other relations: EAWA & WindEurope



H2020 proposals

- national initiatives
- common initiatives
- EERA jp Wind procedure

Presentations

Sub- Programme 7 – Economic and social aspects of Wind integration½	
10.30	Sub-programme meeting, introduction - Klaus Skytte, DTU
10.40	Price based renewable energy roll-out in the North Sea region (NSON-DK) towards 2050 - Thure Traber, DTU - RT4
11.05	Regulatory frameworks to activate TSOs cooperation in international offshore wind farms projects - Claire Bergaentzlé, DTU - RT2
11.25	Assessing and promoting the societal embedding of energy innovations - Bianca Maria Poti', CNR - RT6
11.40	Mapping Actor Value Perspectives on Wind Power Projects, Kristian Borch, DTU - RT6
12.00 -13.00	Project proposal workshop, H2020 wp18-20